

ABSTRACT

A branching filter is provided which can obtain a sufficient attenuation amount and band width in a service temperature range.

A branching filter 1 includes a first filter 11 with a relatively low passband, having a first temperature property-improvement thin film, and a second filter 12 with a relatively high passband, having a second temperature property-improvement thin film. In the branching filter 1, the thickness of the first temperature property-improvement thin film is different from that of the second temperature property-improvement thin film so that the temperature coefficient of frequency of the first filter is larger than that of the second filter.